AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of connecting to a radio communication network, intended for use in a terminal which periodically searches the radio communication network for a signal because of temporary unavailability of the signal from the network, said method comprising:

periodically scanning frequencies of said radio communication network,

when signal intensity was approximately constant before the search, using one or more sequences each associated with a predetermined list of frequencies from all of said frequencies, and

~~wherein~~ when signal intensity ~~is~~ was not approximately constant before the search, scanning all of said frequencies.

2. (Original) The method claimed in claim 1 wherein said list of frequencies associated with each sequence does not vary.

3. (Original) The method claimed in claim 1 wherein said list of frequencies associated with each sequence varies.

4. (Previously Presented) The method claimed in claim 1 further comprising storing the last frequencies available before disconnection from the network so that the first scanning sequence scans said last available frequencies.

5. (Previously Presented) The method claimed in claim 4 further comprising measuring the intensity of the last available frequencies of the signal before disconnection from the network.

6. (Currently Amended) The method claimed in claim 5 wherein the frequency scanning is partial only when the intensity of the last frequencies available exceeds a predetermined threshold value.

7. (Previously Presented) The method claimed in claim 5 further comprising determining the number of last frequencies available before disconnection from the network carrying a signal of intensity greater than a predetermined threshold value.

8. (Currently Amended) The method claimed in claim 7 wherein the frequency scanning is partial only ~~if~~ when said number of last frequencies available carrying a signal of intensity greater than a predetermined threshold intensity is itself greater than a given number.

9. (Currently Amended) A terminal adapted to be connected to one or more radio communication networks operating on different frequencies, said terminal comprising:

means for determining what type of scanning to perform based on whether signal intensity is constant before a periodic search of the radio communication network for a signal; and

means for partially scanning the frequencies of the network using one or more sequences each of which is associated with a predetermined list of frequencies selected from all said frequencies.

10. (Previously Presented) The terminal claimed in claim 9, further comprising means for selecting partial or complete scanning of the various frequencies.

11. (Canceled).

12. (Currently Amended) The terminal claimed in claim 9 ~~11~~, wherein when said intensity of the signal before the periodic search is constant, partial scanning means perform scanning using one or more sequences each of which is associated with a predetermined list of frequencies selected from all said frequencies.

13. (Previously Presented) The terminal claimed in claim 12, further comprising means for scanning all said frequencies when the intensity of the signal before the periodic search was varying.

14. (Previously Presented) The method claimed in claim 1, wherein when the signal intensity was varying before the periodic network search, scanning all of the frequencies of the radio communication network.

15. (Previously Presented) The method as claimed in claim 1, wherein only when the signal intensity is approximately constant before the periodic network search, executing a partial scan by scanning only some of all of said frequencies.

16. (Previously Presented) A method of connecting a terminal to a radio communication network, said method comprising:

determining a signal intensity of the terminal before the terminal performs a periodical network search; and

performing the periodical network search by periodically scanning frequencies of the radio communication network,

wherein the periodical network search comprises:

when the signal intensity of the terminal is approximately constant before the periodic network search, executing a partial frequency scanning, and

when the signal intensity of the terminal is not approximately constant before the periodic network search, performing a full scanning of all the frequencies.